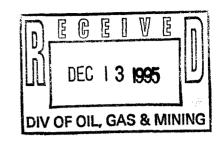
|                | UTAH OIL AND GAS CONSERVATION COMMISSION |                                       |                       |         |             |                   |          |   |          |                |    |
|----------------|--|---------------------------------------|-----------------------|---------|-------------|-------------------|----------|---|----------|----------------|----|
| REMARKS:       | WELL LOG                                 | ELE                                   | CCTRIC LOGS_          | FILE X  | WATER SANDS | LOCATI            | ON INSPE |   | SUI      | B. REPORT/abd. |    |
| 97061          | 18 LA                                    | 14!                                   |                       |         |             |                   |          |   |          |                |    |
| •              |  | •                                     |                       |         |             |                   |          |   |          |                |    |
| ···            |  |                                       |                       |         |             |                   |          | ,                                       |          |                |    |
| *              |  |                                       | <del></del>           |         |             |                   |          |   |          |                |    |
|                |  | · · · · · · · · · · · · · · · · · · · | <del> </del>          |         |             |                   |          |   |          |                |    |
| DATE FILED     |  |                                       | R 13, 199             | 6       |             |                   |          |   |          |                |    |
| LAND: FEE & F  | PATENTED F                               |                                       |                       |         | PUE         | BLIC LEASE NO.    |          |   |          | INDIAN         |    |
| DRILLING APPI  | ROVED: MA                                | Y 13,                                 | 1996                  |         |             | _                 |          |   |          |                |    |
| SPUDDED IN:    |  |                                       |                       |         |             |                   |          |   |          |                |    |
| COMPLETED:     |  |                                       | PUT TO PRODUC         | ING:    |             |                   |          |   |          |                |    |
| INITIAL PRODU  | JCTION:                                  |                                       |                       |         |             |                   |          |   |          |                |    |
| GRAVITY A.P.I. |  |                                       |                       |         |             |                   |          |   |          |                |    |
| GOR:           |  |                                       |                       |         |             |                   |          |   |          |                |    |
| PRODUCING Z    | ONES:                                    |                                       | -                     |         |             |                   |          |   |          |                |    |
| TOTAL DEPTH    | l:                                       |                                       |                       |         |             |                   |          |   |          |                |    |
| WELL ELEVATI   | ON:                                      | -                                     |                       |         |             |                   |          |   |          |                |    |
| DATE ABANDO    | NED:                                     | Ald                                   | 6-18-9                | 7       |             |                   |          |   |          |                |    |
| FIELD:         | DR                                       | UNKARI                                | DS WASH               |         | -,          |                   |          |   |          |                |    |
| UNIT:          | DR                                       | UNKAR                                 | DS WASH               | ,,      |             |                   |          | *************************************** |          |                | _  |
| COUNTY:        | CA                                       | RBON                                  |                       |         |             |                   |          |   |          |                |    |
| WELL NO.       | RO                                       | BERTS                                 | ON 32-127             |         |             | API N             | 10. 43   | -007-                                   | 30306    |                |    |
| LOCATION       |  |                                       | T. FROM (N) (S) LINE, | 2000 1  | FWL F       | T. FROM (E) (W) I | LINE. SE | NW                                      |          | 1/4 - 1/4 SEC. | 32 |
|                |  |                                       |                       |         |             |                   | 7        |   |          |                |    |
| TWP.           | RGE.                                     | SEC.                                  | OPERATOR              |         |             | TWP.              | RGE.     | SEC.                                    | OPERATOR |                |    |
| 145            | 10E                                      | 32                                    | RIVER GAS             | S CORPO | ORATION     |                   |          |   |          |                |    |



### RIVER GAS CORPORATION

511 Energy Center Blvd.
Northport, Alabama 35476
Phone (205) 759-3282
Fax (205) 759-3188 (Accounting)
Fax (205) 758-5309 (Corporate)



December 8, 1995

Mr. Michael Hebertson Utah Board of Oil, Gas, and Mining Suite 350, 3 Triad Center 355 West North Temple Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill Robertson 32-127, SE 1/4 of NW 1/4 of Sec. 32, T14S, R10E
S.L.B. & M., Carbon County, Utah

Dear Mr. Hebertson:

Enclosed is an original and one copy of an "Application for Permit to Drill" for the well named above. Attached to the APD is the following information, as prepared by Powers Elevation Co., Inc:

Exhibit "A": - Copy of survey plat of proposed well site

Exhibit "B": - Drilling Program

Exhibit "C": - B.O.P. Diagram

Exhibit "D": - Surface Use Plan

Exhibit "E": - Proposed Location/Access

Exhibit "F": - Typical Road X-Section

Exhibit "G": - Location Layout

Exhibit "H": - Well Site Layout

Exhibit "I": - Evidence of Bond

A surface land use agreement will be negotiated at a later date, and will be submitted to you.

A proposed pipeline is shown in Exhibit "E", but is subject to change.

Also, please accept this letter as our request that all information regarding this permit be kept confidential, if said information is eligible for such consideration. This request is made in accordance with State of Utah Oil and Gas rule # R649-2-11.

Thank you for your assistance. Please feel free to contact me if you have questions.

Sincerely,

Torry D. Burns

Geologist

cc: Mr. Edward W. Bonner, Utah Department of Natural Resources

Mr. Eric Jones, BLM in Moab, Utah

Mr. Dean Nyffler, BLM in Price, Utah

Mr. Robert A. Hendricks, BLM in Salt Lake City, Utah

Mr. J.R. French, Texaco

Mr. R.A. Lamarre, Texaco

Mr. Gee Lake, Jr., Dominion Reserves

# TE OF UTAH DIVISION OF OIL, GAS AND MININ

| [] | G   | 3 |   | M   | ह |
|----|-----|---|---|-----|---|
|    | DEC | 1 | 3 | 133 | 5 |

| Ц |                                      |
|---|--------------------------------------|
| Ų | Lease Designation and Serial Number: |
| 1 | Datontod                             |

|   |  |   | TITI DEC 1949                   | <b>50</b>                           | Patented                                   | Serial Number.                        |
|---|--|---|---------------------------------|-------------------------------------|--|---------------------------------------|
| APPLI   | CATION FOR PER   | MIT TO DRILL  | BR BFBREWAS                     | & MININ                             | 6 If Indian, Alfottee or Trib              | oe Name:                              |
|   |  | DEEPEN []   |                                 |                                     | 7. Unit Agreement Name:                    | ash UTU67921                          |
| B. Type of Well: OIL  | GAS X OTHER:   | SINGLE  | ZONE MULTIPLE Z                 | ONE 🗌                               | 8. Farm or Lease Name:<br>Robertson        | · · · · · · · · · · · · · · · · · · · |
| 2. Name of Operator:<br>River Gas   | Corp.  |   |                                 |                                     | 9. Well Number:<br>32-127                  |                                       |
| 3. Address and Telephone Numb<br>511 Energy   | Center Blvd., No   | rthport, A <u>L</u> 35  | 5476                            |                                     | 10. Field and Pool, or Will<br>Drunkards W |                                       |
| Location of Well (Footages)     At Surface:     At Proposed Producing Zone:                                   | 11. Otr/Otr, Section, Town<br>SE/NW, Sec.<br>T14S, R10E  |   |                                 |                                     |  |                                       |
| 14. Distance in miles and direct  | on from neezest town or post office:<br>South-southwest  | of Price, UT  |                                 |                                     | 12. County:<br>Carbon                      | 13. State:<br>UTAH                    |
| 15. Distance to nearest property or lease line (feet):  | 2000'  | 16. Number of acres in leas<br>227.8                              | e:                              | ber of acres assigned to this well: |  |                                       |
| 18. Distance to nearest well, dri<br>completed, or applied for, or  | -  | 19. Proposed Depth: 1680 <sup>1</sup>                             |                                 | uy or cable tools:<br>tary          |  |                                       |
| 21. Elevations (show whether Di<br>5575 GR  | F, RT, GR, etc.):  |   |                                 |                                     | June 1996                                  | rk will start:                        |
| 23.   | PROPO  | SED CASING ANI  | CEMENTING PRO                   | GRAM                                |  |                                       |
| SIZE OF HOLE  | GRADE, SIZE OF CASING  | WEIGHT PER FOOT   | SETTING DEPTH                   |                                     | QUANTITY OF CEN                            |                                       |
| 11"   | 8 5/8"   | 24#   | 300'                            |                                     | x Class G, 15                              |                                       |
| 7 7/8"  | 5 1/2"   | 17#   | 1650'                           | 50/50                               | <u>Pozmix, Tail</u>                        | REC                                   |
|   |  | Up II   |                                 | ļ                                   |  |                                       |
|   | SEE EXHIBIT  | "B"   |                                 | <b></b>                             |  |                                       |
| DESCRIBE PROPOSED PROGRASubsurface locations and measure  EXHIBITS  | M: If proposal is to deepen, give dated and true vertical depths. Give blow  | a on present productive zone a<br>wout preventer program, if any. | nd proposed new productive zone | . If proposal is                    | to drill or deepen directions              | ully, give pertinent data on          |
| EXHIBIT "A EXHIBIT "E EXHIBIT "C EXHIBIT "C EXHIBIT "E EXHIBIT "C EXHIBIT "C EXHIBIT "C EXHIBIT "C EXHIBIT "C | B" Drilling Prog<br>C" BOPE Diagram<br>O" Surface Use P<br>E" Proposed Loca<br>F" Typical Road<br>G" n/a<br>H" Well Site Lay | lan<br>tion/Access<br>X-section<br>out                            |                                 |                                     |  |                                       |

| 24.  |              | Agent for                    | , ,                   |
|--|--------------|------------------------------|-----------------------|
| Name & Signature:  | Janet Watson | тине: <u>River Gas Corp.</u> | Date: <u>/2////95</u> |
| The second secon |              |                              |                       |

API Number Assigned: 43-007-30306

(1\93)

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATE NUMBER 145656 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

EVAN E. HANSEN

RIVER GAS CORP. #ROBERTSON 32-127

| TT in lare        | 711002111001       |                           |
|-------------------|--------------------|---------------------------|
| Drawn By:<br>TLH  |                    | Drawing No.<br>EEOG-95127 |
| Date:<br>10-26-95 | Scale:<br>1"=1000' | Sheet:<br>1 of 2          |

|   | DIVICIONI OF O  | L GAS AND MININ                                | ( <del>-</del>                    |                  |  |                              |
|---|---|--|-----------------------------------|------------------|--|------------------------------|
|   | DIVISION OF OI  | L GAS AND MINING                               | <b>-</b>                          |                  | 5. Lease Designation and S<br>Patented | Serial Number:               |
| APPLIC  | 6, # Indian, Allottee or Tribe Name:  |  |                                   |                  |  |                              |
| APPLIC  | 7. Unit Agreement Name:   |  |                                   |                  |  |                              |
| IA. Type of Work:   | DRILL 🗵   | DEEPEN [                                       |                                   |                  |  | ash UTU67921                 |
| B. Type of Well: OIL  | GAS X OTHER:  | SINGLE   | ZONE MULTIPLE ZO                  | ONE [            | 8. Farm or Lease Name:<br>Robertson    |                              |
| 2. Name of Operator:<br>River Gas (   | Carp  |  |                                   |                  | 9. Well Number:<br>32-127              |                              |
|   |   |  |                                   |                  | 10. Field and Pool, or Wik             | scat:                        |
| Address and Telephone Numb.<br>511 Energy   | Center Blvd., No  | orthport, A <u>L</u> 35                        | 5476                              |                  | Drunkards W                            | ash                          |
| Location of Well (Footages) At Surface: At Proposed Producing Zone:                                 | 2000' FNL, & 200  | 00' FWL  |                                   |                  | SE/NW, Sec.<br>T14S, R10E              |                              |
| 14. Distance in miles and direct  | on from nearest town or post office:<br>South-southwest   | of Price, UT                                   |                                   |                  | 12. County:<br>Carbon                  | 13. State: UTAH              |
| 15. Distance to nearest property or tease line (feet):  |   | 16. Number of acres in leas<br>227.8           | æ:                                | 17. Numbe<br>160 | r of acres assigned to this v          | vell:                        |
| 18. Distance to nearest well, dri   |   | 19. Proposed Depth:                            |                                   |                  | or cable tools:                        |                              |
| completed, or applied for, or   | n this lease freet): n/a  | 1680'  |                                   | Rota             | 22. Approximate date wo                | d will start                 |
| 21. Elevations (show whether DI<br>5575 GR  | F, RT, GFL etc.):   |  |                                   |                  | June 1996                              | IN WIM BOOK                  |
| 23.   | PROP  | OSED CASING AN                                 | D CEMENTING PRO                   | GRAM             |  |                              |
| SIZE OF HOLE  | GRADE, SIZE OF CASING   | WEIGHT PER FOOT                                | SETTING DEPTH                     |                  | QUANTITY OF CEN                        |                              |
| 11"   | 8 5/8"  | 24#  | 300'                              |                  | x Class G, 15                          |                              |
| 7 7/8"  | 5 1/2"  | 17#  | 1650'                             | 50/50            | Pozmix, Tail                           | KFU                          |
|   | SEE EXHIBI  | "B"  |                                   |                  |  |                              |
|   | SEE ENITED  |  |                                   |                  |  |                              |
| EXHIBITS // EXHIBIT "/ | A" Location Plan B" Drilling Prop C" BOPE Diagram D" Surface Use I E" Proposed Locat F" Typical Road G" n/a H" Well Site La | t<br>gram<br>Plan<br>ation/Access<br>X-section | and proposed new productive 2016. | . If proposal is | to drill or deepen directions          | ally, give pertinent data on |
| 24.<br>Name & Signature:  | Carret Wats   | lore   | Agent<br>Tabe: River              |                  | orpo                                   | este: <u>12/11/95</u>        |
| (This apace for State use only)  API Number Assigned:   | 43-007-3030   | 26   | ACCEPTED                          | Brani<br>Moab    | ch of Fluid Wine,<br>District          | -2(S                         |

ACCEPT for ant purposes: ecj :2/18/95

DEC IF



# ENGINEER'S CERTIFICATE

EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATE NUMBER 145656 AS FRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH, I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

EVAN E. HANSEN DATE

FOUND ROCK CORNER

# BASIS OF BEARING

HASIS OF BEARING N 0'30'38" W MEASURED BETWEEN THE WI/4 CORNER AND THE NW CORNER OF SECTION 32. TOWNSHIP 14 SOUTH, RANGE 10 EAST, SALT LAKE BASE AND MERIDIAN.

NW1/4 SEC. 32 T 14 S, R 10 E, S.L.B.& M

# Empire Engineering

1665 E. Sagewood Rd. Price. Utah 64501

RIVER GAS CORP. WELL #ROBERTSON 32-127

| Drawn By: | Approved By: | Drawing No. |  |  |
|-----------|--------------|-------------|--|--|
| TLH       | EEH          | EEOG-95127  |  |  |
| Dote:     | Scale:       | Sheet:      |  |  |
| 10-26-95  | 1"=1000'     | 1 of 2      |  |  |

#### EXHIBIT "B"

#### DRILLING PROGRAM

Attached to Form 3 River Gas Corp. #32-127 Robertson SE/4 WE/4 Sec. 32, T14S, R10E 2000' FNL & 2000' FWL Carbon County, Utah

# 1. The Geologic Surface Formation

Mancos Shale

# 2. Estimated Tops of Important Geologic Markers.

Blue Gate/Ferron 1305' Ferron/Tununk 1555'

# 3. Projected Gas & H2O zones (Ferron Formation)

Coal - 1305' to 1435'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable minerals deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

# 4. The Proposed Casing and Cementing Programs

| HOLE<br>SIZE | SETTING DEPTH (INTERVAL) | SECTION<br>LENGTH | SIZE<br>(OD) | WEIGHT, GRADE & JOINT | NEW,<br>USED |
|--------------|--------------------------|-------------------|--------------|-----------------------|--------------|
| 11           | 300'                     | 300 <b>'</b>      | 8 5/8        |                       | new          |
| 7 7/8        | 1650                     | 1650              | 5 1/2        |                       | new          |

#### Cement Program

Surface Casing: 110 sx Class G, 15.8 ppg cement

Production Casing: 50/50 Pozmix and tail in with RFC. The 50/50

Pozmix accounts for 75% total cement, RFC 25%.

Total sx cement 191.

Cement volumes will vary depending or formations encountered and hole conditions.

The following shall be entered in the driller's log:

- Blowout preventer pressure tests, including test pressures and results;
- (2) Blowout preventer tests for proper functioning;
- (3) Blowout prevention drills conducted;
- (4) Casing run, including size, grade, weight, and depth set;
- (5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- (6) Waiting on cement time for each casing string;
- (7) Casing pressure tests after cementing, including test pressures and results.

# 5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 1400 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300 11" hole Drill with air, will mud-up if necessary 300-1680 7 7/8" hole Drill with air. 400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs to be Followed

0-300 Gamma Ray 300-TD Gamma Ray, Density, Neutron Porosity, Induction, Caliper

# Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 806 psi maximum.

No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

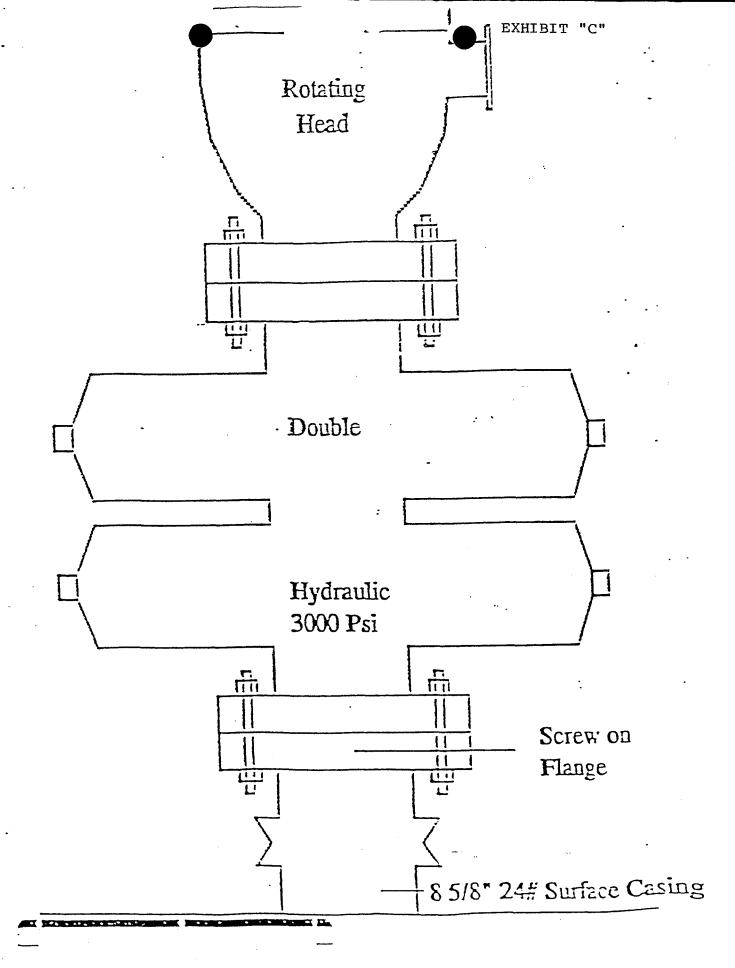
8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled in June 1996.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.



#### EXHIBIT "D"

#### MULTIPOINT SURFACE USE PLAN

Attached to Form 3
River Gas Corp.
#32-127 Robertson
SE/4 NW/4, Sec. 32, T14S, R10E
2000' FNL & 2000' FWL
Carbon County, Utah

#### 1. EXISTING ROADS

- A. See Exhibit "E". We do not plan to change, alter or improve upon any existing state or county roads. Existing roads will be maintained in same or better condition.
- B. From junction with US Hwy. 6, proceed south on Utah Hwy. 10 for 1.1 mile to 2000 South (paved road, turn right and proceed west on 2000 South for .5 mile to junction with 500 West, turn left and proceed south on 500 West for .3 mile to beginning of new access for well. Well is located 400' to east from this point.

#### 2. PLANNED ACCESS

See Exhibit "E". 400' of new access is required.

- A. Maximum Width: 14' travel surface with 27'base
- B. Maximum grade: 1%
- C. Turnouts: None
- D. Drainage design: One culvert will be required. Water will be diverted around well pad as necessary.
- E. Cuts and fills: None
- F. Surfacing materials: 4" sand and gravel if necessary.
- G. Gates, cattleguards, fence cuts: None

If well is productive, road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

#### 3. LOCATION OF EXISTING WELLS

- A. See Exhibit "E". There is 1 existing well within one mile of the proposed location.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES
  - A. If the well is a producer, installation of production facilities will be as shown on EXHIBIT "H". Buried powerlines run along access on the east or north, gathering lines on the south or west.
  - B. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

## 5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water to be used for drilling will be purchased from the Price River Water Improvement District (tel. 801-637-6350). This has been arranged by Mr. Michael J. Farrens, Vice President of River Gas Corp. Utah Operations. He has been in contact with Mr. Phillip Palmer. Mr. Farrens has discussed this arrangement with Mark Page of the Division of Water Rights (tel. 801-637-1303) over the telephone. The Division of Water Rights is to furnish the Oil & Gas Division with a letter of approval concerning this matter.
- B. Water will be transported by truck over approved access roads.
- C. No water well is to be drilled for this location.

## 6. SOURCE OF CONSTRUCTION MATERIALS

- A. Any construction materials needed will be obtained locally and hauled to the location on existing roads.
- B. No construction or surfacing materials will be taken from Federal/Indian land.

# 7. METHODS FOR HANDLING WASTE DISPOSAL

A. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operations cease with

barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.

B. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade.

No liquid hydrocarbons will be discharged to the reserve pit or location.

- C. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- D. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

#### 8. ANCILLARY FACILITIES

A. We anticipate no need for ancillary facilities with the exception of three trailers to be located on the drill site.

## 9. WELLSITE LAYOUT

- A. Available topsoil will be removed from the location and stockpiled. If ground frost prevents the segregation and removal of the topsoil material from the less desirable subsoil material, cross-ripping to the depth of the topsoil material may be necessary. Location of mud tanks, reserve and burn pits, and soil stockpiles will be located as shown on the attachments.
- B. A blooie pit will be located 150' diagonally from the drill hole. A line will be placed on the surface from the center hole to the burn pit. Burn pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- C. Access to the well pad will be as shown on Exhibit "E".
- D. Natural runoff will be diverted around the well pad.

## 10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- B. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existing conditions.
- E. Date of commencement will be June, 1996. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

#### 11. SURFACE OWNERSHIP

A. The wellsite and access road will be constructed on lands owned by Margaret Robertson, 2076 South 500 West, Price, UT 84501. The operator shall contact the landowner and the Division of Oil, Gas & Mining 48 hours prior to beginning construction activities.

## 12. OTHER INFORMATION

The surface is improved pasture. The nearest dwelling is  $\pm 600$ ' southeast of the location. Nearest live water is Carbon Canal in the NW/NW, Sec. 32, Tl4S, Rl0E.

If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.

The backslope will be constructed no steeper than 4:1, the foreslope no steeper than 4:1.

All equipment and vehicles will be confined to the access road and well pad.

A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

#### 13. COMPANY REPRESENTATIVE

#### THROUGH A.P.D. APPROVAL

Janet Watson Agent/Consultant for River Gas Corp. P. O. Box 440889 Aurora, Co. 80044 (303) 321-2217

#### FIELD REPRESENTATIVE

Steve Prince (801) 637-8876 M-(801) 636-5256

#### MAIL APPROVED A.P.D. TO

Terry Burns River Gas Corp. 511 Energy Cntr. Blvd. Northport, AL 35476 (205) 759-3282

#### DIRT CONTRACTOR

NELCO Larry Jensen (801) 637-3495 M-(801) 636-5268

#### 14. CERTIFICATION

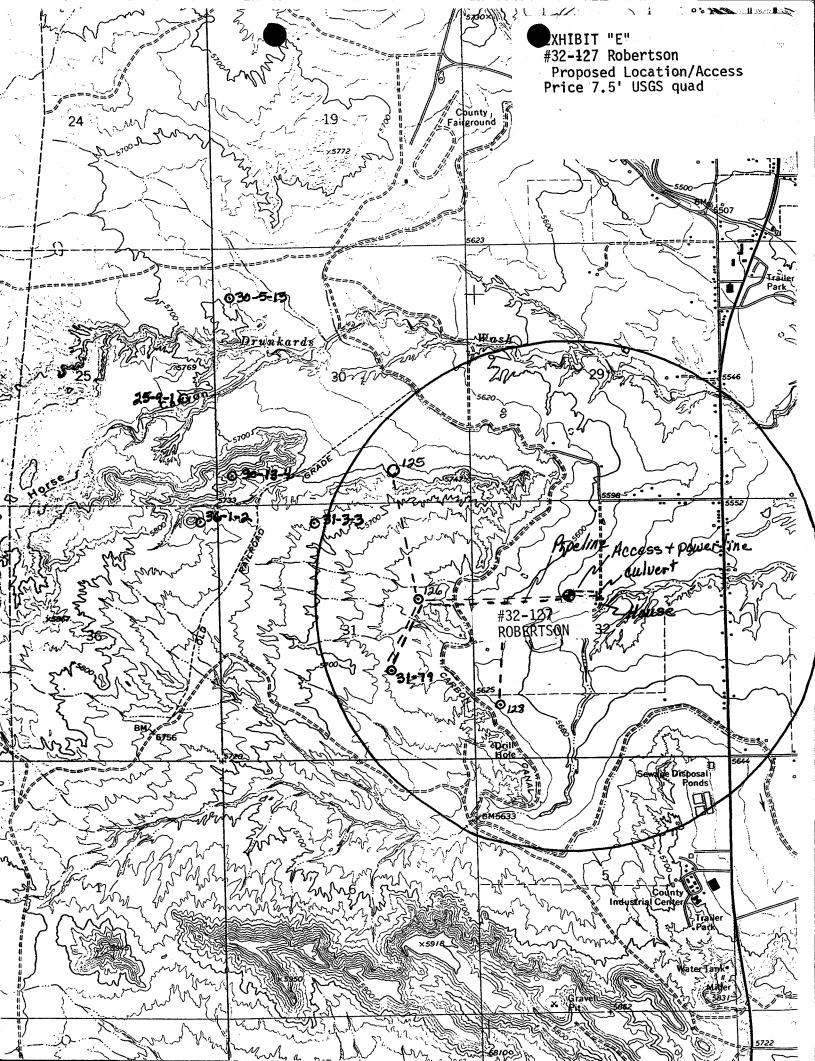
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by River Gas Corp. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

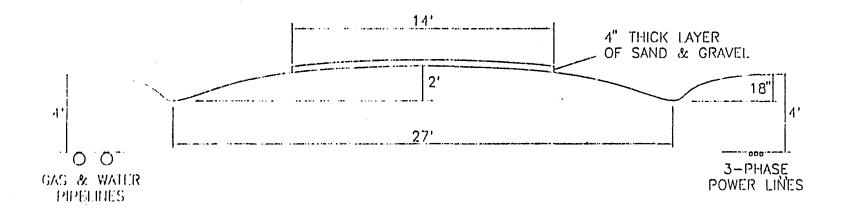
12/11/95

Date

Janet/Watson

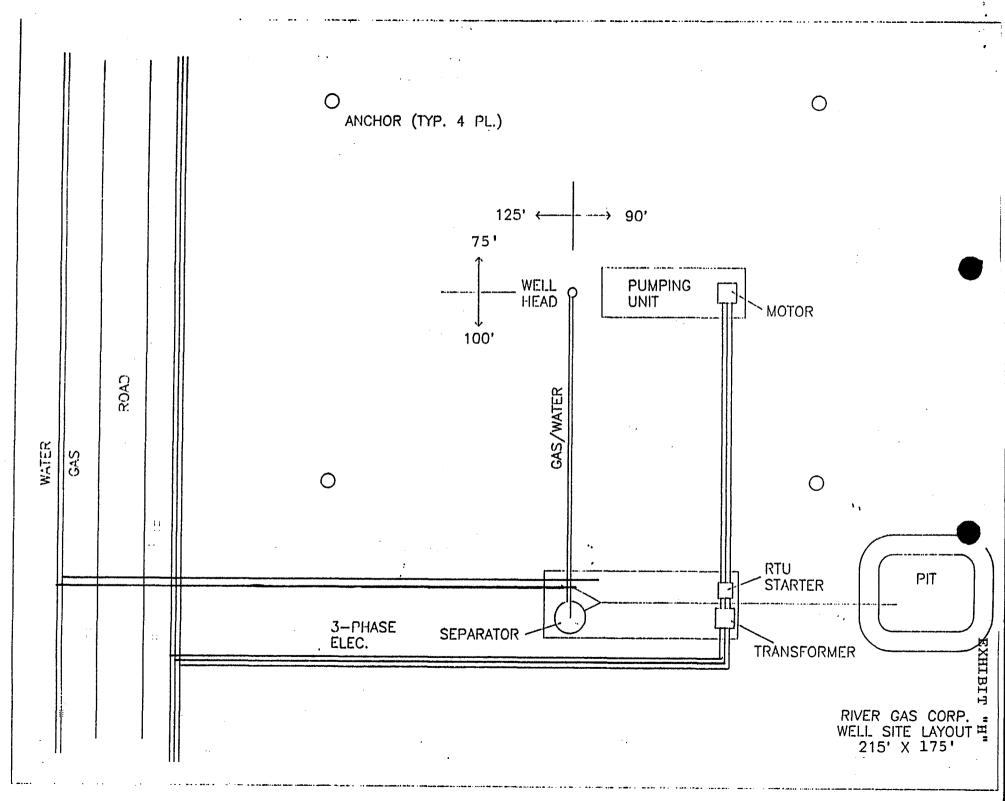
Agent for River Gas Corp.





# TYPICAL ROAD CROSS-SECTION

NOT TO SCALE



# **AmSouth Bank**

AMSOUTH BANK OF ALABAMA
1900 FIFTH AVENUE NORTH
BIRMINGHAM, ALABAMA 35203 USA
OUR REFERENCE NUMBER: S308586

International Services

Birmingham:

TELEX: 6827189 Cable: AMSOUBKBHM

S.W.I.F.T. AMSB US 44

Mobile:

TELEX: 6821116 Cable: AMSOMBL S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 002
TO LETTER OF CREDIT NUMBER: 5308586
DATE: NOVEMBER 13, 1995

BENEFICIARY:
STATE OF UTAH
DEPT. OF NATURAL RESOURCES
DIV. OF OIL, GAS AND MINING
355 WEST TEMPLE 3 TRIAD CENTER.............
SUITE 350
SALT LAKE CITY, UTAH 84180-1203

AT THE REQUEST OF RIVER GAS CORPORATION 3600 WATERMELON ROAD SUITE 204 NORTHPORT, ALABAMA 35476 AND FOR THE ACCOUNT OF SAME

WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER S308586 DATED DECEMBER 3, 1993 OPENED IN YOUR FAVOR AS FOLLOWS:

-ACCOUNT PARTY'S ADDRESS IS CHANGED TO: 511 ENERGY CENTER BLVD NORTHPORT, ALABAMA 35476

\*\*REFERENCES HEREIN TO AMSOUTH BANK N.A. SHALL BE DEEMED TO REFER TO AMSOUTH BANK OF ALABAMA. \*\*

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.
THIS AMENDMENT BECOMES AN INTEGRAL PART OF THE ORIGINAL LETTER OF CREDIT AND IS TO BE ATTACHED THERETO.

AUTHORIZED SIGNATURE

# **AmSouth Bank**

FMSOUTH BANK OF ALABAMA
1900-FIFTH AVENUE NORTH
EIRMINGHAM, ALABAMA 35203 USA
OUR REFERENCE NUMBER: S304606

# EXHIBIT "I"

**International Services** 

#### Birmingham:

TELEX: 6827189 Cable: AMSOUBKBHM S.W.I.F.T. AMSB US 44

#### Mobile:

TELEX: 6821116
Cable: AMSOMBL
S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 005

TO LETTER OF CREDIT NUMBER: \$304606

DATE: NOVEMBER 13, 1995

**BENEFICIARY:** 

STATE OF UTAH, DEPARTMENT OF
NATURAL RESOURCES, DIVISION OF
STATE LANDS AND FORESTRY
#3 TRIAD CENTER SUITE 400
255 WEST TEMPLE
SALT LAKE CITY, UTAH 84180-1204,

AT THE REQUEST OF RIVER GAS CORPORATION 511 ENERGY CENTER BLVD NORTHPORT, ALABAMA 35476

WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER S304606 DATED DECEMBER 14, 1990 OPENED IN YOUR FAVOR AS FOLLOWS:

-ACCOUNT PARTY'S ADDRESS IS CHANGES TO: 511 ENERGY CENTER BLVD.
NORTHPORT, ALABAMA 35476

\*\*REFERENCES HEREIN TO AMSOUTH BANK N.A. SHALL BE DEEMED TO REFER TO AMSOUTH BANK OF ALABAMA.\*\*

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.
THIS AMENDMENT BECOMES AN INTEGRAL PART OF THE ORIGINAL LETTER OF CREDIT AND IS TO BE ATTACHED THERETO.

AUTHORIZED SIGNATURE



# State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

May 13, 1996

River Gas Corporation 511 Energy Center Blvd. Northport, Alabama 35476

Re: Robertson 32-127 Well, 2000' FNL, 2000' FWL, SE NW, Sec. 32, T. 14 S., R. 10 E., Carbon County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30306.

Sincerely,

Associate\Director

lwp

Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Moab District Office

WAPD



| Operator:           | River Gas Corporation Robertson 32-127 |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|
| Well Name & Number: |  |  |  |  |  |  |  |  |
| API Number:         | 43-007-30306                           |  |  |  |  |  |  |  |
| Lease:              | FEE                                    |  |  |  |  |  |  |  |
| Location:SE NW      | Sec. 32 T. 14 S. R. 10 E.              |  |  |  |  |  |  |  |

#### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

- Reporting Requirements
  - All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
- 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated May 9, 1996 (copy attached).

# DIVISION OF OIL, GAS AND MINING

# APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

| Operator: River Gas Corpo | ration |    |    |      |    |      |  |  |
|---------------------------|--------|----|----|------|----|------|--|--|
| Well Name & Number: 32-   | 127    |    |    |      |    |      |  |  |
| API Number: 4300730306    |        |    |    |      |    | -    |  |  |
| Location: 1/4.1/4 SE NW   | Sec.   | 32 | Т. | 14 S | R. | 10 E |  |  |

# **Geology/Ground Water:**

There are no aquifers with high quality ground water expected to be encountered. The proposed casing and cement program will adequately isolate any zones of water penetrated.

| Reviewer: D. Jarvis | Date: 5/9/96 |
|---------------------|--------------|
|---------------------|--------------|

# Surface:

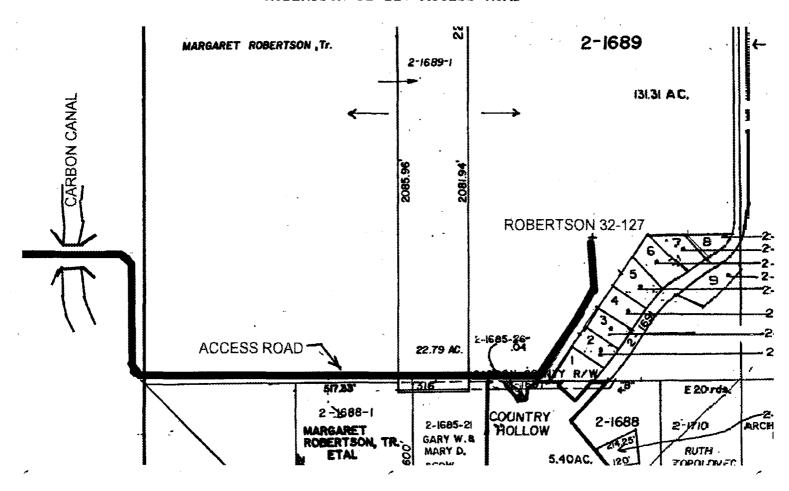
The Mancos Shale soil is relatively impermeable, stable and not incised or undermined on or immediately beside the disturbed area. The nearest moving surface waters are the Carbon Canal (1/4 - 3/8 mile west) and the Price River (1 and 1/2 mile east). No significant drainage basin is focused on the location so cloudburst/flash-flooding is no problem unless Lonetree Wash overflows and floods the adjacent subdivision and the pad. Precipitation will be deflected around the location with berms and culverts. There are no nearby culinary or irrigation water supply wells. The site was photographed and characterized on 4/30/96. A layout plat was provided and modified. Provision was made to ensure site rehabilitation, litter and waste control, preservation of drainage patterns and the integrity of local infrastructure, groundwater and other resources. The well utilities and gas gathering system will follow the approach roadway.

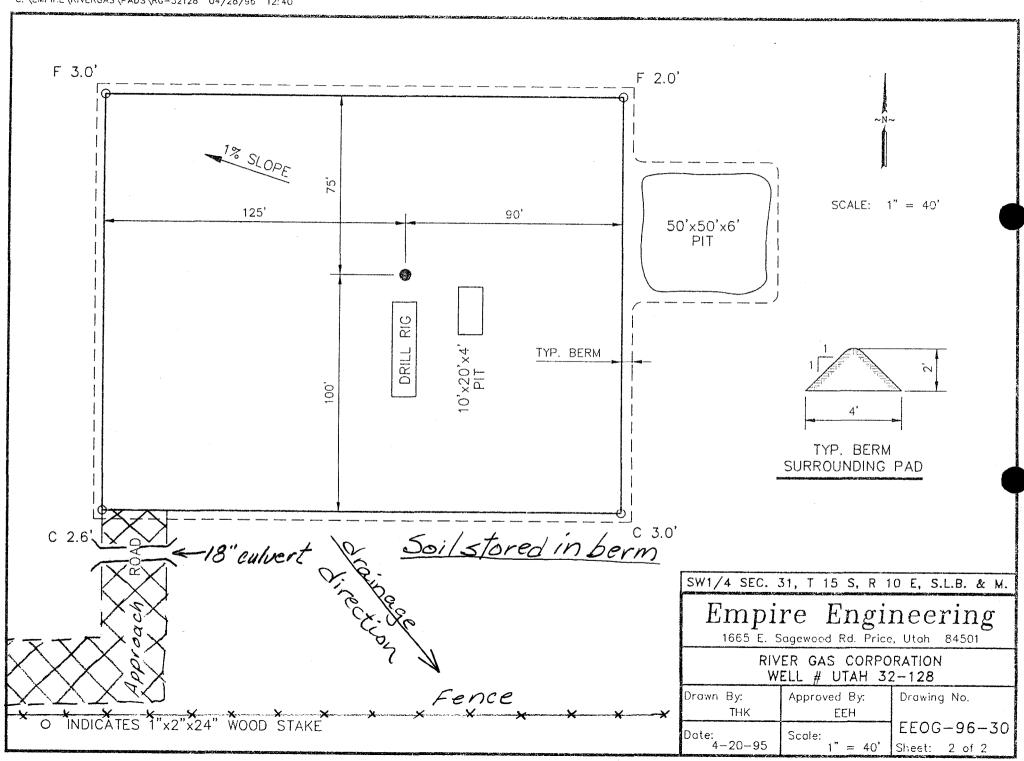
| Reviewer: | Chris Kierst | Date: | 5/9/96 |
|-----------|--------------|-------|--------|
|           |              | _     |        |

# Conditions of Approval/Application for Permit to Drill:

- 1)18" culvert under approach road and outside pad berm to deflect water down roadway bar ditch. Culverts placed in minor dry washes along 5/8 mile long approach road from Section 31 (to west).
- 2) Berm location and pit.
- 3) Site infrastructure as per modified drilling location plat.
- 4) Synthetically lined (12 mil) reserve pit.
- 5) Compliance with city and/or county ordnances as well as DOGM requirements.
- 6) Roadway lie as per FAX'd county plat map fragment (rec'd. 5/10/96, 9:24 AM).

# ROBERTSON 32-127 ACCESS ROAD





#### ON-SITE PREDRILL EVALUATION

## Division of Oil, Gas and Mining

| OPERATOR: River Gas Corporation  |  |  |  |  |  |
|--|--|--|--|--|--|
| WELL NAME & NUMBER: Robertson 32-127   |  |  |  |  |  |
| API NUMBER: 4300730306   |  |  |  |  |  |
| LEASE: patented FIELD/UNIT: Drunkard's Wash  |  |  |  |  |  |
| LOCATION: 1/4,1/4 se nw Sec:32 TWP: 14s RNG: 10e 2000 FnL 2000 FwL   |  |  |  |  |  |
| LEGAL WELL SITING:F SEC. LINE;F 1/4,1/4 LINE;F ANOTHER WELL.   |  |  |  |  |  |
| GPS COORD (UTM): 514,917; 4,379,478  |  |  |  |  |  |
| SURFACE OWNER: Margaret Christman nee Robertson  |  |  |  |  |  |
| PARTICIPANTS Chris Kierst-DOGM, Steve Prince-River Gas, Larry Jensen-Nelco, Margaret Christman nee Robertson, Max Christman REGIONAL/LOCAL SETTING & TOPOGRAPHY Western margin of Colorado Plateau / Mancos Shale lowlands below Wasatch Plateau. Flat ground. Subdivision (Country Hollow Subdivision)south and east of location (within 250'). |  |  |  |  |  |
| SURFACE USE PLAN   |  |  |  |  |  |
| CURRENT SURFACE USE: Location in cultivated field (occasionally irrigated pasture).  |  |  |  |  |  |
| PROPOSED SURFACE DISTURBANCE: 50' X 50' X 6' pit, 215' X 175' pad, and approximately 5/8 mile long approach road.  |  |  |  |  |  |
| LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS:31-79 well   |  |  |  |  |  |
| LOCATION OF PRODUCTION FACILITIES AND PIPELINES: None  |  |  |  |  |  |
| SOURCE OF CONSTRUCTION MATERIAL: native soil; gravel in road   |  |  |  |  |  |
| ANCILLARY FACILITIES: none   |  |  |  |  |  |
| WASTE MANAGEMENT PLAN:  portable toilets and trash barrels; to be removed to a central dumpster and dumped at the East Carbon disposal facility.   |  |  |  |  |  |
| ENVIRONMENTAL PARAMETERS   |  |  |  |  |  |

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is in an irrigated

pasture. The pasture has a small depressed area, along its southern margin, which retains moisture longer and may be muddy longer after irrigation. Lonetree Wash is about 400' to the southeast. It is

suggested by residents and River Gas personnel that the water in the wash is probably from the leaky Carbon Canal (1/4 to 3/8 mile west) although the involvement of springs cannot be discounted. I investigated the condition at the Carbon Canal/Lonetree Wash crossing. The water first occurs within several hundred feet upstream of the junction along the wash and the canal flows above the wash about 20' higher than the floor of the wash. The Price River is 1 and ½ miles to the east. Land owner states that irrigation water is invading basements in adjacent subdivision, necessitating a diversion trench along the down-drainage (eastern) margin of the pasture.

FLORA/FAUNA: rodents, birds, cattle, reptiles, insects /grass, russian olive

SOIL TYPE AND CHARACTERISTICS: Mancos Shale alluvium soil w\ low permeability. Minor fine sand content.

SURFACE FORMATION & CHARACTERISTICS: Mancos Shale - grey, bentonitic.
Wasatch Plateau alluvium on low hills \( \frac{1}{2} \) mile west.

EROSION/SEDIMENTATION/STABILITY: Stable ground with no sloughing or slumping. No unstable banks or deep washes on or beside location.

Lonetree Wash (400' southeast) is about 25 - 30' deep and exhibits bank instability probably during flash flooding.

PALEONTOLOGICAL POTENTIAL: poor

#### RESERVE PIT

CHARACTERISTICS: 50' X 50' X 6' dugout and bermed pit.

LINER REQUIREMENTS (Site Ranking Form attached): Requires approved synthetic liner (Level I sensitivity).

#### SURFACE RESTORATION/RECLAMATION PLAN

As per the surface owner's agreement.

SURFACE AGREEMENT: No agreement yet

CULTURAL RESOURCES/ARCHAEOLOGY: None observed; no survey done yet.

#### OTHER OBSERVATIONS/COMMENTS

No 404 dredge and fill situations evident. I have requested a more detailed map of the area around the location to put it into a more detailed and accurate geographic context, including the subdivision, existing infrastructure, and the eastern side of the field in the area. The county commission is requiring the operator to provide documentation of approval or involvement in the approval process with this division before granting a land use zoning variance.

ATTACHMENTS 3 photographs and modified location plat.

Christopher Kierst
DOGM REPRESENTATIVE

4/30/96 / 12:30PM DATE/TIME

| Site-Specific Factors   | Ranking  | Site Ranking |
|---|----------|--------------|
| Distance to Groundwater (feet)                                    |          |              |
| >200  | 0        |              |
| 100 to 200  | 5        |              |
| 75 to 100<br>25 to 75   | 10<br>15 |              |
| <25 or recharge area  | 20       | 20           |
| Distance to Surf. Water (feet)                                    |          |              |
| >1000   | 0        |              |
| 300 to 1000   | 2        |              |
| 200 to 300<br>100 to 200  | 10<br>15 |              |
| < 100   | 20       | 2            |
| Distance to Nearest Municipal                                     |          |              |
| Well (feet)<br>>5280  | 0        |              |
| 1320 to 5280  | 5        |              |
| 500 to 1320   | 10       |              |
| <500  | 20       | 0            |
| Distance to Other Wells (feet) >1320                              | 0        |              |
| 300 to 1320   | 10       |              |
| <300  | 20       | 0            |
| Native Soil Type  |          |              |
| Low permeability  | 0        |              |
| Mod. permeability   | 10       | 0            |
| High permeability   | 20       | <u> </u>     |
| Fluid Type  |          |              |
| Air/mist  | 0        |              |
| Fresh Water   | 5        |              |
| TDS >5000 and <10000  | 10       |              |
| TDS >10000 or Oil Base Mud Fluid containing significant levels of | 15       |              |
| hazardous constituents  | 20       | 0            |
|   |          |              |
| Drill Cuttings  |          |              |
| Normal Rock   | 0        |              |
| Salt or detrimental   | 10       | 0            |
| Annual Precipitation (inches)                                     |          |              |
| <10   | 0        |              |
| 10 to 20  | 5        |              |
| >20   | 10       | 5            |
| Affected Populations  | •        |              |
| <10   | 0<br>6   |              |
| 10 to 30<br>30 to 50  | 8        |              |
| >50   | 10       | 10           |
| Presence of Nearby Utility  |          |              |
| Conduits Not Progent  | 0        |              |
| Not Present<br>Unknown  | 10       |              |
| Present   | 15       | 15           |



# **FACSIMILE TRANSMISSION**

To: Chris Kierst

At: 1801359-3940

From: Steven L. Prince

Fax: (801)637-8924

Voice: (801)637-8876

Pages Including Cover: 2

Date: 5/10/96

Time: 9:05AM

Please find attached a portion of the Carbon

Notes: Please find attached a portion of the Carbon County ownership plat with the approximate route of the access road drawn in. The road is only drawn to approximate scale. If you need anything else or have any questions, please feel free to call.

#### STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: RIVER GAS CORP | Well Name: ROBERTSON 32-127

Project ID: 43-007-30306 | Location: SEC. 32 - T14S - R10E

| Design Parameters:                     |        | <u>Design Factors:</u> |     |       |            |
|--|--------|------------------------|-----|-------|------------|
| Mud weight (9.40 ppg) : 0.488 p        | psi/ft | Collapse               | : 1 | 1.125 |            |
| Shut in surface pressure : 786 p       | psi    | Burst                  | : 1 | .00   |            |
| Internal gradient (burst) : 0.020 p    | psi/ft | 8 Round                | : 1 | 1.80  | (1)        |
| Annular gradient (burst) : 0.000 p     | psi/ft | Buttress               | : 1 | 1.60  | (J)        |
| Tensile load is determined using air w | weight | Other                  | : 1 | 1.50  | <b>(J)</b> |
| Service rating is "Sweet"              |        | Body Yield             | : 1 | 1.50  | (B)        |

|   | Length<br>(feet) | Size<br>(in.)               | Weight (lb/ft) | Grade                  | e Joir                     |               | Depth<br>(feet) | Drift<br>(in.) | Cost   |
|---|------------------|-----------------------------|----------------|------------------------|----------------------------|---------------|-----------------|----------------|--------|
| 1 | 1,680            | 5.500                       | 17.00          | K-55                   | 5 ST&C                     | 2             | 1,680           | 4.767          |        |
|   | Load<br>(psi)    | Collapse<br>Strgth<br>(psi) | S.F.           | Burst<br>Load<br>(psi) | Min Int<br>Strgth<br>(psi) | Yield<br>S.F. | Load<br>(kips)  |                | S.F.   |
| 1 | 820              | 4910                        | 5.988          | 820                    | 5320                       | 6.49          | 28.56           | 252            | 8.82 J |

Prepared by : MATTHEWS, Salt Lake City, Utah

Date

05-13-1996

Remarks

Minimum segment length for the 1,680 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 86°F (Surface 74°F , BHT 98°F & temp. gradient 1.400°/100 ft.)

String type: Production

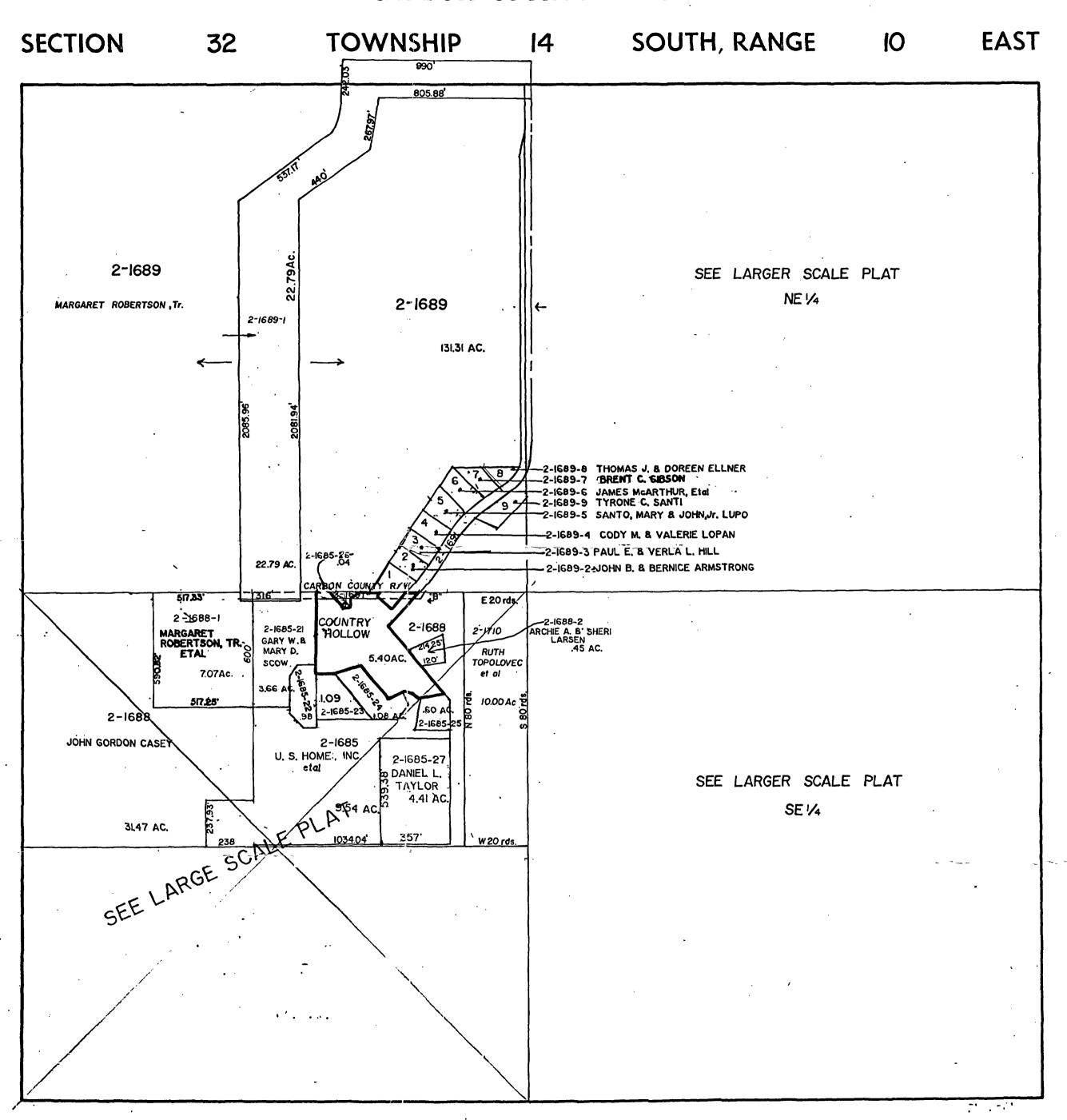
The mud gradient and bottom hole pressures (for burst) are 0.488 psi/ft and 820 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

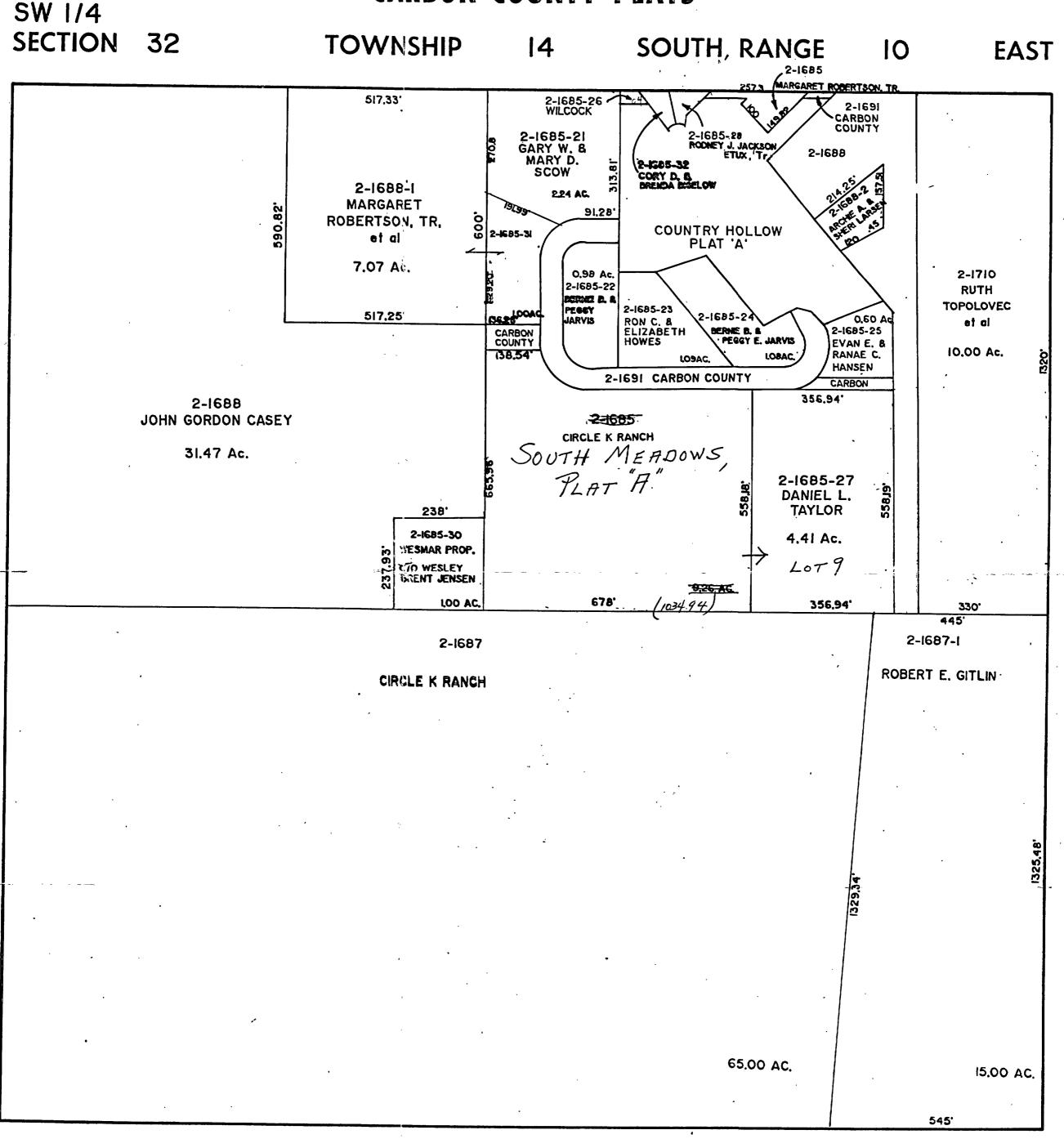
Costs for this design are based on a 1987 pricing model. (Version 1.07)

# CARBON COUNTY PLATS



Scale 400 feet-1 inch

# CARBON COUNTY PLATS



Scale 200 feet-1 inch









# RIVER GAS CORPORATION

511 Energy Center Blvd.
Northport, Alabama 35476
Phone (205) 759-3282
Fax (205) 759-3188 (Accounting)
Fax (205) 758-5309 (Corporate)

May 22, 1996

Mr. Michael Hebertson Utah Board of Oil, Gas, and Mining Suite 350, 3 Triad Center 355 West North Temple Salt Lake City, Utah 84180-1203

RE: Surface Land Use Agreements

Dear Mr. Hebertson:

Enclosed are the surface land use agreements for the following wells:

Fausett 09-111
Fausett 10-112
Giacoletto 11-113
Prettyman 11-114

Prettyman 12-117 Robertson 32-127 Sampinos 16-131 DIV. OF OIL, GAS & MINING

Sincerely,

Terry Burns

:ss.

COUNTY OF TUSCALOOSA

Robertson 32-127

# AFFIDAVIT CONCERNING SURFACE OWNER CONSENT REGARDING WELL SITE CONSTRUCTION

JOSEPH L. STEPHENSON, being first duly sworn upon his oath, deposes and states:

- I am Vice President Land of River Gas Corporation ("RGC"), an Alabama corporation duly authorized to transact business in the State of Utah, and am authorized to execute this Affidavit on behalf of said corporation.
- As Vice President - Land, I am responsible supervision of lease records and reviewing title records and legal opinions affecting lands where RGC proposes to conduct operations, and obtaining surface land use agreements associated with the development of leased mineral rights.
- RGC proposes to drill a coalbed methane gas well named the Robertson 32-127 located in the SE1/4 of NW1/4 of Section 32. T14S, R10E, Carbon County, Utah, the surface area affected by the proposed well site being owned by the Margaret Robertson Christman, Trustee of the Marital Trust Portion of the Robertson Family Trust and Ronald G. Robertson, Trustee of the Family Trust Portion of the Robertson Family Trust (hereafter called "fee owners").
- As evidenced by copy of MEMORANDUM OF SURFACE LAND USE AGREEMENT dated May 1, 1996 attached hereto as Exhibit "A", and by this reference incorporated herein, the above described fee owners of the Robertson 32-127 well site agreed to certain surface use as described therein.
- The matters stated herein are true of my own knowledge, except to any matters stated herein upon information and belief, and, as to those matters, I believe them to be true.

DATED this 22nd day of May, 1996.

Subscribed, sworn and acknowledged to and by Joseph L. Stephenson before me this 22nd day of May, 1996.

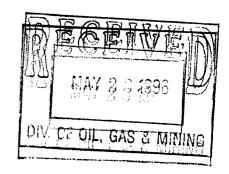
(SEAL)

My Commission Expires: 3/8/98

NOTARY PUBLIC

Residing at:

1429 20th Avenue East Tuscaloosa, AL 35404





COPY

STATE OF UTAH COUNTY OF CARBON

Robertson 32-127

#### WHEN RECORDED RETURN TO:

William L. Kirk, Jr. - Land Department River Gas Corporation 511 Energy Center Blvd. Northport, Alabama 35476

# MEMORANDUM OF SURFACE LAND USE AGREEMENT

THIS MEMORANDUM OF SURFACE LAND USE AGREEMENT, dated effective the 1st day of May, 1996, is by and between Margaret Robertson Christman, Trustee of the Marital Trust Portion of the Robertson Family Trust and Ronald G. Robertson, Trustee of the Family Trust Portion of the Robertson Family Trust, whose address is c/o Margaret Robertson Christman, 2076 South 500 West, Price, Utah 84501, (hereinafter referred to as "Grantor"), and River Gas Corporation, an Alabama corporation authorized to conduct to business in the state of Utah, with an address of 511 Energy Center Boulevard, Northport, Alabama 35476 (hereinafter referred to as "Grantee").

Grantor, in consideration of the covenants and agreements contained in that certain unrecorded Surface Land Use Agreement (the "Agreement") dated May 1, 1996, granted, and does hereby grant unto Grantee certain rights to enter upon and use certain lands (the "Lands") located in the County of Carbon, State of Utah, as described on Exhibit "A" attached hereto and made a part of this Memorandum of Surface Land Use Agreement, for the purpose of building access roads, pipelines and appurtenances thereto, power lines, and well sites for the drilling of a coalbed degasification wells on said property until such time as Grantee abandons said lands in accordance with the terms and conditions specified in said Agreement.

The Lands are subject to all of the terms and conditions of the Agreement, reference to which may be made for a complete statement of rights and obligations of Grantor and Grantee. Copies of the Agreement may be found at the above indicated addresses of the parties and are available for review during regular business hours by any party having a vested interest in the Agreement.

This Memorandum of Surface Land Use Agreement may be executed in any number of counterparts and shall be binding upon all parties executing the same or a counterpart hereof.

This Memorandum of Surface Land Use Agreement is to be placed of record to serve as notice of the execution and existence of said Agreement, and is in no way to supersede, abrogate, change or modify any of the terms, conditions, rights or obligations of any of the parties, all of which are set forth in detail in said Agreement. The terms and conditions of said Agreement are made a part hereof by reference for all purposes, to be the same effect as though written in extenso herein. All the terms, conditions and covenants of the Agreement shall be binding upon and shall inure to the benefit of the successors and assigns, respectively, of each of the parties hereto.

IN WITNESS WHEREOF, Grantor and Grantee have executed this Memorandum of Surface Land Use Agreement as of the dates of the respective acknowledgments.

| Dated: May, 1996  | Grantor:  |
|---|---|
|   | Margaret Robertson Christman, Trustee of t<br>Marital Trust Portion of the Robertson Fam<br>Trust and Ronald G. Robertson, Trustee of t<br>Family Trust Portion of the Robertson Fam<br>Trust   |
| Margaret Robertson Christman Trustee  | hustoned tolute   |
| Margaret Robertson Christman, Trustee<br>SS#529-10-9840   | Ronald G. Robertson, Trustee SS# 528-50-9615  |
| **************************************  | **************************************  |
| STATE OF UTAH<br>COUNTY OF CARBON   |   |
| aforesaid to take acknowledgments, personally ap<br>Marital Trust Portion of the Robertson Fan<br>and who executed the foregoing instrument and a | me, a Notary Public duly authorized in the state and counterpeared Margaret Robertson Christman, Trustee of the nily Trust to me known to be the person(s) described her acknowledged before me that, being informed of the content within and foregoing instrument on the day and year her |
| (Affix Seal) HERBERT HUDNALL NOTARY PUBLIC STATE OF UTAH 313 NORTH 200 EAST PRICE, UTAH 84501 COMM. EXP. 5-14-00  My Commission Expires:          | Alahat Afrikana   |
|   | Address:  |

| *****   |
|---|
| (Acknowledgment)  |
| STATE OF Washington<br>COUNTY OF Grant  |
| I hereby certify, that on this day, before me, a Notary Public duly authorized in the state and county aforesaid to take acknowledgments, personally appeared Ronald G. Robertson, Trustee of the Family Trust Portion of the Robertson Family Trust to me known to be the person(s) described herein and who executed the foregoing instrument and acknowledged before me that, being informed of the contents of the same, voluntarily signed and delivered the within and foregoing instrument on the day and year herein mentioned. |
| Given under my hand and official seal, this the 10 th day of may, 1996.   |
| (Affix Seal)  |
| My Commission Expires:  Notary Public  Address: 148 Ociena Place NW  Soap Lake, Wa 9885/  |

| Dated: | May | 1, | 1996 |
|--------|-----|----|------|
|        |     |    |      |
|        |     |    |      |

Grantee:

#### RIVER GAS CORPORATION

By: Joseph L. Stephenson
Its: Vice President - Land

(Corporate Acknowledgment)

# STATE OF ALABAMA COUNTY OF TUSCALOOSA

I, the undersigned authority, a Notary Public in and for said County in said State, hereby certify that Joseph L. Stephenson, whose name as Vice President - Land of River Gas Corporation, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, as such officer and with full authority, executed the same voluntarily for and as the act of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal this the \_\_\_\_\_ day of \_\_\_\_\_\_\_, 1996.

(Affix Seal)

Notary Public

Residing at:

My Commission Expires: 4-4-5

# Exhibit "A" Robertson Trust Surface Lands Page 1 of 1

Attached to and made a part of that certain Memorandum of Surface Land Use Agreement effective the 1st day of May, 1996 by and between Margaret Robertson Christman, Trustee of the Marital Trust Portion of the Robertson Family Trust and Ronald G. Robertson, Trustee of the Family Trust Portion of the Robertson Family Trust as Grantor and River Gas Corporation as Grantee.

- 1-A. A well location approximately two hundred foot (200') by two hundred fifty foot (250') (1.15 acres) in the SE/4 of NW/4 Section 32-T14s-R10e, SLM. (RGC/Robertson 32-117).
- 1-B. A road/pipeline/powerline right-of-way forty foot (40') wide by two thousand three hundred foot (2,300') long (139 rods) (2.11 acres) more or less, located in the S/2 of NW/4 Section 32, T14s-R10e, SLM, which is needed for access to the RGC/Robertson 32-117 well location (Well location 1-A).

Signed For Identification

Margaret Robertson Christman

Ronald G Robertson

Joseph L. Stephenson



Michael O. Leavitt Ted Stewart Executive Director James W. Carter Division Director 801-359-3940 (Fax) 801-538-7223 (TDD)

1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax)

June 18, 1997

**River Gas Corporation** 511 Energy Center Blvd. Northport, Alabama 35476

Re:

Robertson 32-127 Well, Sec. 32, T. 14S, R. 10E, Carbon County, Utah,

API No. 43-007-30306

#### Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley

Administrative Manager

Oil and Gas

cc:

J.R. Baza

K.M. Hebertson

Well File



Michael O. Leavitt Governor Ted Stewart **Executive Director** James W. Carter Division Director 801-538-7223 (TDD)

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